

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Mueller

Serial No.:

herewith

Filed:

herewith

For:

PRINTED CIRCUIT BOARD WITH IMPROVED COOLING
OF ELECTRICAL COMPONENT

Art Unit:

Not yet assigned

Examiner:

Not yet assigned

Confirmation No.:

Not yet assigned

Customer No.:

27,623

Attorney Docket No.:

20 03 0580-2

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with applicant's duty of disclosure under 37 C.F.R. §1.56, please find attached hereto form PTO-1449 listing information which may be material to the patentability of this application, filed concurrently herewith. This Information Disclosure Statement is being filed:

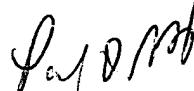
- XXX Within three (3) months of the filing date of the national application;
- Within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- Before the mailing date of a first Office Action on the merits;
- After the filing date or date of first Office Action, but before the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);

- After the filing date or date of first Office Action, but before the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to the final action and provided that this I.D.S. is accompanied by either a certification as specified in 37 C.F.R. §1.97(e) or the fee set forth in 37 C.F.R. §1.17(p);
 - After the mailing date of a final action under 37 C.F.R. §1.113, provided that this occurs prior to the issuance of a Notice of Allowance and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p); and
 - After the mailing date of a Notice of Allowance under 37 C.F.R. §1.311, provided that this occurs prior to or subsequent to the payment of the Issue Fee and provided that this I.D.S. is accompanied by a certification as specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p).
- Filing with RCE Under 37 CFR 1.114.

Also enclosed is a copy of U.S. Patent Nos. 3,484,935; 6,411,516; 5,172,301 and 6,219,243; European Patent Application No. EP 0 907 307; German Patent Nos. DE 42 20 966 and DE 199 16 010, PCT Publication Nos. WO 01/01738 and WO 02/054477 and European Search Report No. EP 03 10 1323.

It should be understood that attention has been called to the references that have been deemed to be pertinent to the claimed present invention. In concluding what was pertinent, the criteria employed was considered most appropriate in light of the invention shown in the present application. However, the Examiner or others may deem some other criteria to be just as appropriate or more appropriate. Therefore, the Examiner is respectfully urged to review the listed references and to make the usual careful independent search for other prior art that may be pertinent.

Respectfully submitted,



Paul D. Greeley
Reg. No. 31,019
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, CT 06901-2682
(203) 327-4500

March 31, 2004

CUSTOMER NO.: 27,623

Sheet 1 of 1 .

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|---|---|----------------------------------|
| FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | Docket Number (Optional) 20 03 0580-2 | Application Number NYA |
| | Applicant Mueller | |
| | Filing Date herewith | Group Art Unit NYA |

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|--|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| | EP 0 907 307 | 07.04.99 | Europe | | | X | |
| | DE 42 20 966 | 13.1.94 | Germany | | | | X |
| | DE 199 16 010 | 20.4.00 | Germany | | | | X |
| | WO 01/01738 | 4.01.01 | PCT | | | X | |
| | WO 02/054477 | 11.07.02 | PCT | | | X | |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|--|---|
| | Kastner, M., Examiner. European Search Report Application No. EP 03 10 1323 dated September 16, 2003. |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.